ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIALS | ID NO. | DATE | | | | |
|---------------------------|----------|--------|-------------|--|--|--|--|
| FEE DETERMINATION | | | | | | | |
| O.I.P.E. CLASSIFIER | | /) | 0 (0 (| | | | |
| FORMALITY REVIEW | #- 0 | ~//2 | 03.53.0 | | | | |
| RESPONSE FORMALITY REVIEW | | YEC | 0.2 . 5 . 0 | | | | |

INDEX OF CLAIMS

| Rejected | N Non-elected |
|--|---------------|
| = Allowed | 1Interference |
| (Through numeral) Canceled | A Appeal |
| ÷ Restricted | O Ohjected |

| | | | | | | | | ÷ | | | •••• | •••• | ••••• |
|----------|--------------|----------------|-----------|---------------|----------|---------|--------------|----------|----------|--------------|--------------|----------|-----------|
| | _ | | _ | | | | _ | | | | | | |
| | Cla | im | Ļ | | | | D | ate | <u> </u> | | | _ | |
| | 1 | <u>ā</u> | b | | 7 | 5 | | | - | | |] | |
| | Final | Original | ۲ | 1, | 15 | 3 | | | ļ | | | ĺ | |
| | iI. | | 0 | 1/ | 1 | 1 | | | | | | | Ll |
| | Ш | \mathbf{G} | <u> </u> | 1/2 | 1 | L | | | | | | | |
| | įН | 2 | Ľ | V | 1 | | Ι | | | | | | |
| | L | (3 | N | I | | | Γ | T | 1 | | | | |
| | <u>.</u> | 4 | | | \Box | Ι | | | | ٦ | | | \neg |
| | 1 | 5 | Ц | | | L | | Τ | T | П | | | \neg |
| | Ш | 6 | | | | | Γ | Т | T | | ٦ | | |
| | | 7 | N | J | h | | Γ | T | T | | | 一 | ٦ |
| \ | | 8 | 1 | _ | ~ | | Γ | Τ | | T | ٦ | \neg | \neg |
| 4 | | ğ | V | \mathcal{L} | 1 | | Γ | T | T | 1 | | | \neg |
| 0 | | 10 | ¥ | 1 | V | T | Γ | Ţ | T | 7 | | 7 | ヿ |
| × | $oxed{\Box}$ | 11 | | | 7 | Г | Γ | Т | T | | ヿ゙ | T | \neg |
| i X | | 12 | | Ľ | | | Г | T | T | 1 | 7 | 7 | \dashv |
| | $ \perp$ | 13 | | | | | | 7 | 1 | 7 | 1 | 7 | \exists |
| | | 14 | | | | | | T | T | 7 | 7 | + | \dashv |
| | | 15 | | | | | | 1 | 7 | \dagger | + | \top | \dashv |
| | 1 | 6 | | | | | Г | Τ | \top | 7 | す | + | \dashv |
| | 1 | 7 | | | | | _ | T | \top | + | 7 | 7 | ┪ |
| | Ti | 8 | | | | | | | Ť | + | \top | - | 7 |
| | 1 | 9 | T | | | | _ | T | 1 | † | \dagger | + | \exists |
| | 2 | 0 | 1 | | | 7 | _ | 1 | 1 | † | † | + | \dashv |
| | 12 | 1 | + | 7 | - | - | _ | - | ╁ | + | + | + | \dashv |
| ĺ | 2 | _ | \dagger | _ | - | - | _ | ⊢ | ╁ | + | + | ╁ | + |
| ı | | 3 | + | 7 | + | -+ | - | - | ╁ | ╁ | + | + | \dashv |
| Ì | | 4 | + | \dashv | \dashv | + | - | - | ╁ | ╁ | + | ╬ | \dashv |
| ı | 2 | \rightarrow | + | + | + | 7 | \dashv | | ╁ | + | + | + | \dashv |
| ŀ | 20 | | + | + | + | + | - | | ┝ | ╁ | + | + | 4 |
| ŀ | 2 | | \dagger | + | + | + | \dashv | | ┢ | ╁ | ╁ | | 4 |
| ŀ | 28 | | + | + | + | + | - | | ┝ | + | ╀ | ╁ | \dashv |
| t | 29 | | + | + | + | + | \dashv | _ | - | ╀ | ╀ | + | 4 |
| ı | 30 | | + | + | + | + | + | _ | - | ╁ | ╁ | ╁ | 4 |
| ŀ | 3 | _ | + | + | + | + | + | _ | H | +- | +- | - | - |
| t | 32 | | + | + | + | + | \dashv | - | - | ╁ | +- | +- | \dashv |
| t | 33 | _ | + | + | + | + | + | - | - | ╁ | ╀ | ╆ | 4 |
| ŀ | 34 | | ╁ | + | + | ╫ | + | - | - | ╀ | ╁╌ | +- | ┥ |
| ŀ | 35 | _ | + | + | + | + | + | - | _ | - | ╀ | +- | - |
| r | 36 | _ | + | + | + | + | + | - | | - | ⊦ | ╁ | ┨ |
| - | 37 | | + | + | + | + | + | - | _ | - | + | + | + |
| H | 38 | | + | + | + | + | + | - | | \vdash | - | \vdash | - |
| 卜 | 39 | _ | + | + | +- | + | + | + | _ | ⊢ | + | + | 1 |
| 卜 | 40 | + | + | + | ╁ | ╁ | + | + | _ | - | ├ | - | 1 |
| H | 41 | + | + | + | + | + | + | \dashv | _ | _ | - | \vdash | 1 |
| 1 | 42 | +- | +- | + | +- | + | + | 4 | _ | L | _ | <u> </u> | - |
| - | 43 | - | + | + | + | + | + | 4 | _ | _ | L | L | 1 |
| \vdash | | - | + | + | + | + | 1 | 4 | | | _ | <u>_</u> | |
| 1 | 44 | - | - | + | + | 1 | 1 | 4 | _ | | _ | L |] |
| - | 45 | - | - | + | \perp | + | \downarrow | 4 | | | _ | _ | |
| 1 | 46 | <u> </u> | 1 | + | + | 1 | 4 | 4 | | _ | | | |
| - | 47 | <u> </u> | - | \perp | 1 | \perp | 1 | 1 | | | | | |
| - | 48 | _ | - | ┼- | + | \perp | \perp | + | 4 | | | | |
| H | 49 | | _ | \vdash | \perp | 1 | \perp | 1 | _ | _ | | | |
| \perp | 50 | | | | 1 | 1 | | | - 1 | - 1 | - 1 | - 1 | |

| г | | _ | | _ | _ | | _ | _ | _ | _ | _ | | _ | _ | _ | | _ | | _ | | _ | _ | |
|-----|----------|----------|---|---|---|---|---|---|---|---|---|---|---|---|-----|---|---------|---|----|---|---|---|----------|
| Ĺ | Cla | in | n | | | _ | _ | _ | | _ | | _ | [| a | ite | | | | | | | | |
| | Final | Original | 9 | | | | | | | | | | | | | | | | | | | | |
| Γ | | 5 | 1 | | 1 | | | T | _ | T | | | Г | | T | | 1 | | t | | 1 | | ┢ |
| r | | 5 | 2 | _ | 7 | _ | | ı | _ | t | _ | 7 | ٢ | _ | t | _ | t | | t | - | H | _ | ┝ |
| r | ヿ | 5 | 3 | | 1 | | _ | T | | t | | 1 | - | | t | | ┢ | | ┢ | _ | - | | ┝╌ |
| ۲ | 7 | 5 | 4 | | † | - | | H | - | t | - | 1 | - | - | H | - | ┝ | - | H | - | H | - | H |
| Γ | 7 | 5 | 5 | | 1 | _ | | r | | t | - | 1 | _ | _ | H | _ | H | _ | H | _ | H | 4 | _ |
| r | 7 | 56 | 3 | _ | Ť | _ | Ī | Н | _ | t | | 1 | - | _ | H | | - | | ┝ | - | - | ┪ | _ |
| Γ | T | 57 | 7 | | 1 | | T | Г | | t | _ | † | _ | | H | - | Н | ٦ | H | ٦ | - | 1 | _ |
| Γ | 7 | 58 | 3 | | t | | j | _ | | r | | 1 | _ | 7 | - | | - | 1 | ۲. | 7 | _ | 1 | |
| | _ | 58 | 7 | _ | Ť | _ | 7 | | | r | | t | | 7 | _ | | - | 1 | _ | 1 | - | 7 | _ |
| | | 60 | | | T | | 7 | | | ۲ | _ | 1 | | 7 | | | _ | 1 | _ | 7 | _ | 1 | _ |
| | _1. | 61 | | _ | T | | 7 | | | Г | _ | T | | 1 | | 1 | _ | 1 | _ | 1 | _ | † | |
| L | | 52 | _ | | Γ | | 7 | | | | _ | T | | 7 | | 7 | | 1 | _ | 1 | _ | † | |
| | _ | 63 | _ | | | | T | | 7 | _ | | Ī | | 1 | | 7 | _ | 1 | | 1 | _ | t | _ |
| | | 34 | | | L | | Ι | | | _ | | Ī | | T | | 1 | | 1 | | 1 | | Ť | _ |
| | _ | 35 | L | | L | | I | | I | | | Ι | | Ι | _ | T | | Ţ | | Ť | | Ţ | |
| _ | | 6 | L | | L | _ | 1 | _ | 1 | | | L | | I | | I | | Ī | | Ī | | Ī | |
| _ | _ | 7 | L | _ | L | _ | 1 | _ | 1 | _ | | L | _ | 1 | | 1 | | I | | Ι | | Ι | |
| | - | 8 | L | 4 | L | _ | ļ | | 1 | | _ | L | | 1 | _ | 1 | _ | 1 | | 1 | | L | |
| | + | 9 | L | 4 | _ | _ | L | | 1 | | 4 | L | | ļ | | 1 | | L | | L | _ | L | |
| _ | ٠. | 0 | L | 4 | | _ | L | | 1 | _ | _ | L | | L | | 1 | | L | | l | | | |
| _ | 7 | - | L | 4 | _ | _ | L | _ | ļ | | _ | | _ | L | _ | 1 | _ | | | L | | L | |
| _ | 7 | | _ | 4 | _ | _ | L | _ | ļ | _ | 4 | _ | _ | L | | Ļ | _ | L | _ | L | _ | L | ╛ |
| _ | 7 | | | 4 | _ | | L | _ | ļ | _ | 4 | _ | _ | L | | Ļ | _ | L | | L | _ | L | _ |
| - | 7 | _ | - | + | | 4 | L | | ŀ | _ | 4 | | _ | L | | L | _ | L | 4 | L | _ | L | 4 |
| - | 76 | _ | - | + | - | + | H | _ | H | _ | + | | 4 | H | _ | ŀ | _ | _ | 4 | L | 4 | _ | 4 |
| | 77 | | - | t | - | - | - | - | H | _ | t | | 4 | L | | H | - | _ | 4 | L | - | _ | 4 |
| _ | 78 | - | _ | t | _ | + | _ | _ | ┝ | _ | + | - | + | - | _ | H | ٦ | - | 4 | _ | + | | 4 |
| _ | 79 | 7 | | t | _ | 1 | - | 1 | ۲ | _ | t | _ | 1 | _ | _ | H | ۲ | - | + | | + | - | \dashv |
| _ | 80 | 5 | _ | t | _ | 1 | _ | 7 | | - | t | | 1 | _ | 7 | - | 1 | - | + | - | + | - | 1 |
| | 81 | ı | _ | t | | 1 | _ | 1 | | _ | t | | † | _ | | - | + | | + | - | + | | + |
| | 82 | ? | | T | | 1 | | 1 | | | Ť | | 1 | | | - | 1 | _ | † | _ | † | _ | 1 |
| | 83 | ij | | Γ | | T | | 7 | _ | | T | _ | 1 | | 1 | | 7 | _ | 1 | _ | † | _ | 1 |
| | 84 | Ι | | | | I | | | | _ | Ī | | Ť | | 1 | | 1 | _ | T | | † | | 1 |
| | 85 | | | L | | | | I | | | | | T | | 1 | | 1 | | 1 | | Ť | | 1 |
| -4 | 86 | 4 | | L | | 1 | | | | | | | Ι | | | | 1 | | 1 | | T | | 1 |
| _ | 87 | _ | _ | L | | l | _ | 1 | _ | | | | 1 | | 1 | | \perp | | Ι | | Ι | | |
| -+ | 88 | +- | | L | | ļ | _ | 1 | _ | 1 | _ | | ļ | _ | 1 | _ | 1 | _ | | | l | | |
| - | 89 | 4- | _ | L | _ | ļ | | 1 | _ | - | | _ | ļ | _ | 1 | | 1 | | 1 | _ | L | _ | |
| | 90 | L | _ | | _ | L | _ | ļ | | | _ | | L | | 1 | | 1 | _ | L | _ | L | | |
| - | 91 | L | 4 | | | L | _ | 1 | _ | 4 | _ | _ | L | _ | 1 | _ | | _ | | | L | | |
| | 92 | L | 4 | | | L | _ | ļ | _ | 1 | _ | _ | L | _ | 1 | _ | 1 | _ | L | | L | | |
| - | 93 | L | 4 | | 4 | L | | L | | 4 | | | L | _ | 1 | _ | 1 | _ | L | | L | _ | |
| | 94 | L | 4 | | 4 | L | | 1 | | 1 | | _ | L | _ | 1 | | L | | L | _ | L | _ | |
| - | 95 | L | 4 | | - | _ | _ | L | _ | + | _ | 4 | L | _ | 1 | | 1 | _ | L | _ | L | _ | |
| + | 96 97 | _ | + | | 4 | _ | _ | L | _ | 1 | _ | 4 | L | _ | ŀ | | - | _ | L | _ | L | _ | |
| _1. | 8 | _ | + | | 4 | _ | _ | H | _ | + | _ | 4 | L | _ | H | _ | H | _ | L | 4 | _ | 4 | |
| - | 9 | _ | + | - | + | - | | H | _ | + | _ | 4 | | | 1 | | ┞ | | - | 4 | _ | 4 | |

| Claim | Ļ, | _ | | Da | te | | | |
|-------------------|----------|-----------|----------|--------------|----------|--------------|-----------|----------|
| Final Original | | | | | | | | |
| 101 | \Box | \perp | | | | | ╗ | |
| 102 | \perp | \perp | | | | | | |
| 103 | _ | 4 | | $oxed{oxed}$ | | | | T |
| 104 | -+ | + | ↓_ | Щ | _4 | | \exists | \prod |
| 106 | + | + | ╄ | - | 4 | _} | 4 | 4 |
| 107 | + | + | + | \vdash | - | 4 | 4 | 4- |
| 108 | + | +- | + | - | \dashv | \dashv | \dashv | \dashv |
| 109 | \top | \top | H | - | -+ | + | + | + |
| 110 | T | | | 7 | \top | \top | 十 | + |
| 111 | \bot | oxdot | | | | _† | 7 | \top |
| 112 | 4 | 4 | \Box | | \bot | I | I | I |
| 113 | 4- | 4_ | Ш | 4. | 4 | ┵ | | \perp |
| 114 | + | +- | \vdash | -+ | 4 | \perp | 4 | 4 |
| 116 | +- | +- | + | + | + | + | + | +- |
| 117 | - - | ╁ | \vdash | + | + | +- | +- | +- |
| 118 | ╅ | ╁ | \vdash | + | + | +- | ╁ | +- |
| 119 | \top | | | + | 十 | $^{+}$ | 十 | 十 |
| 120 | T | | П | | \top | \top | † | \top |
| 121 | | | | + | \top | \top | 十 | + |
| 122 | L | | | I | I | | T | 1 |
| 123 | 4 | \sqcup | \perp | 4 | 1 | I | Ι | I |
| 124 | + | \vdash | 4 | - | 4- | 4- | 4- | 1. |
| 125 126 | +- | | + | + | + | + | ╄ | + |
| 127 | † | H | + | + | + | + | + | +- |
| 128 | 1 | \vdash | + | + | + | + | + | ╁ |
| 129 | | | 7 | T | 1 | †- | T | +- |
| 130 | L | | | | | | | |
| 131 | | -4 | \perp | \perp | _ | L | | |
| 132 133 | - | - | - | 4 | \perp | 퇶 | L | Ш |
| 134 | \vdash | -+ | | +- | +- | ├- | - | H |
| 135 | | \dashv | + | ╁ | ┼─ | ├ | - | \vdash |
| 136 | | + | 十 | + | | | | Н |
| 137 | | | T | \vdash | \vdash | | | |
| 138 | | \perp | | | | | | |
| 139 | \perp | 4 | \perp | | | | | |
| 140 | 4 | \perp | \perp | <u> </u> | | | _ | _ |
| 141 | - | - - | 4- | \vdash | | _ | _ | 4 |
| 143 | + | + | + | \vdash | - | _ | 4 | - |
| 144 | + | +- | +- | Н | | - | \dashv | \dashv |
| 145 | \dashv | + | +- | Н | | \dashv | + | \dashv |
| 146 | \top | \dagger | T | | \dashv | \dashv | + | \dashv |
| 147 | | | 1- | П | _ | + | \top | \dashv |
| 148 | I | T | | | | | | I |
| 149 | _ _ | \perp | \Box | Ц | _[| \bot | \bot | |
| 150 | | | Li | | | 1 | | |

If more than 150 claims or 10 actions staple additional sheet here

(LEFT INSIDE)